

NEWSLINE

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DON JOHNSTON/NEWSLINE

A stop at the edge of the Sedan Crater proved to be one of the highlights at the Nevada Test Site's open house. The open house marked the 50th anniversary of the test site.

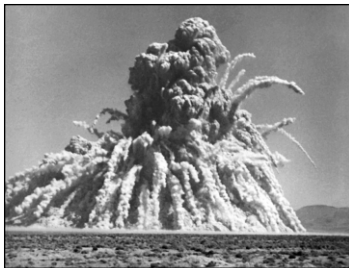
A blast from the past at NTS

By Lynda Seaver

NEWSLINE STAFF WRITER

The mushroom clouds and the underground tremors are long gone, and the site that once hosted these "events" now shows hints of ghost town stature.

While the Nevada Test Site still plays an important role in national security and stockpile stewardship, it is the rumblings of the past for which the facility will be forever known. As the home to almost 1,000 nuclear blasts, both above ground and below, the



This blast, in 1962, produced the Sedan Crater.

Nevada Test Site, located 65 miles north of Las Vegas, holds the distinction of being one of the most heavily bombed places on earth.

Since December the site has been embracing its past as it celebrates the 50th anniversary of its dedication, along with the 50th anniversary of the first test, an atmospheric detonation called Able. That test took place on Jan. 27, 1951.

Fifty years later, on the same date,

See NTS, page 5

Organizational changes reflect increased emphasis on Lab operations issues

By Lynda Seaver

NEWSLINE STAFF WRITER

A new administration, a new direction for the National Nuclear Security Administration, a new structure within the University of California and a new contract for operation of the Laboratory are just a few of the factors which were considered in designing the organizational changes announced by Director Bruce Tarter last week.

In an electronic bulletin and administrative memo distributed Friday, Tarter outlined a new organizational structure that reflects the increased emphasis and importance of operations and administrative areas, as well as the lessening of day-to-day line management responsibilities in the Director's Office.

The change removes many line management organizations from reporting to the Deputy Director for Operations, and assigns them into three new directorates: Safety and Security, Administration and Laboratory Services.

Earlier this week, Tarter and Bob Kuckuck, who is retiring as Deputy Director for Operations, sat down with

See Q&A, page 8

Lab responds to employee class action

A case involving alleged employment discrimination moved forward earlier this week. An Alameda County Superior Court judge has granted class action status to six women who filed a lawsuit charging the Regents of the University of California with employment discrimination at the Laboratory.

In response to media inquiries, the Laboratory released the following statement:

"The decision by Judge Ronald Sabraw is limited to the composi-

See CASE, page 8

Lab to celebrate its science

By Elizabeth Campos Rajs

NEWSLINE STAFF WRITER

The Laboratory will showcase its latest scientific and technological accomplishments for employees, Department of Energy dignitaries and invited guests during a special "Science Day," scheduled for Wednesday, March 21.

"We are looking forward to this event as a great opportuni-

ty to highlight our scientific and technological achievements with invited guests and our employees," said Jeff Wadsworth, deputy director for Science and Technology.

"This day is really about science and technology. It's an opportunity to celebrate the great science and technology we do here at the Lab," added Rokaya Al-Ayat, director of

See SCIENCE, page 7

Security check



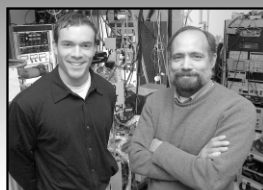
DON GONZALEZ/TID

The UC National Security Panel came to the Lab this week for a series of meetings. Participants included (from left) LANL Director John Browne, NNSA Administrator John Gordon, Director Bruce Tarter and Steve Koonin, chair of the California Institute of Technology.



Black History Month returns

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Lab lives in material world

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Water crisis on tap?

— Page 4



LAB COMMUNITY NEWS

Weekly Calendar

Technical Meeting Calendar, page 4

Saturday
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The **Alexander String Quartet** will perform in concert, joined by the Del Sol String Quartet, at 8 p.m. at First Presbyterian Church in Livermore. Tickets are \$10 for adults, \$7.50 for seniors/students and free for youth through high school. Contact: Del Valle Fine Arts, 447-2752.

Monday
5

Because area blood supplies have fallen to a critically low level, a special **O-type blood drive** has been scheduled from 9 a.m. to 3 p.m. in Bldg. 415. Appointments may be scheduled in advance by calling Mandy Monk at 510-594-5211. If your schedule does not permit you to make an appointment, the Blood Bank will work you into the schedule when you drop in.

Wednesday
7

A representative from **Fidelity Investments** will be onsite to meet with employees Feb. 7-8 and 21-22. Employees interested in asset allocation using Fidelity funds or opening a Fidelity 403(b) or DC Plan account may wish to meet with the representative. Appointments are required and may be scheduled by calling the Fidelity Central Reservation System at 1-800-642-7131. (Be sure to specify you are employed at LLNL.)

Friday
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Director Bruce Tarter invites all employees to a **special celebration** in honor of Bob Kuckuck, deputy director for Operations, on Friday, Feb. 9, from 3:30 to 6:30 p.m. in the West Cafe. RSVP by Friday, Feb. 2 to Susie Schultz, 2-2371 or schultz2@llnl.gov. Kuckuck is retiring on Jan. 31, but will continue to work on special Lab projects, such as the upcoming employee survey.



The LLESA bowling network group is holding another **department bowling challenge**, at noon Saturday, Feb. 10, in Livermore. The five-person teams can be any combination of men, women or mixed. Individual bowlers will be placed on a team. No average needed. Cost is \$8 for three games and shoe rental. The perpetual trophy will be awarded to the winning team. To register, contact Lisa Szytel, 3-9246; Rich Souza, 3-4695; or Dan Loder, 4-6026. Registration deadline is Feb. 9.

The Lab's MicroCentury Toastmasters club is hosting a **speech contest** on Tuesday, Feb. 13, at noon in the Bldg. 361 auditorium. Come see what toastmasters do and observe your fellow co-workers as they impress, persuade, cajole and entertain us with their speaking abilities. The Lab club has been well represented worldwide, winning competitions all the way to the international finals. Contact: Fran Brubeck, 3-1266.

Black History month events set for February

The Association of Black Lab Employees (ABLE) is hosting a large range of activities for all Lab employees in celebration of Black History Month.

Each week of the month features a separate theme. For more information about the events, call Tory Bobo at 3-3096.

Health Week

- Feb. 6: Video, Bldg. 361 auditorium
- Feb. 8: Informal talk at noon, Bldg. 361, "Taking a closer look at your diet & the benefits of a vegetarian diet," by Annette Wilson, vegetarian and self-taught advocate for healthy eating.

Cultural Awareness Week

- Feb. 14: Valentine's Day fund-raiser
- Feb. 16: Cultural Awareness potluck in Bldg. 571, room 2301

History Week

- Feb. 20: Video, John Henrik Clarke, Bldg 361 auditorium.
- Feb. 22: Speaker, Melvin Newton, Black Panther Party, Bldg. 361 auditorium.

Education Week

- Feb. 28: Career mentoring with high school students.

Amigos Unidos to host Valentine's dance fund-raiser

The Amigos Unidos Hispanic Advisory Group is hosting a Valentine's Dance on Friday, Feb. 16, from 7 p.m. to midnight in the South Cafeteria.

Tickets are \$12 per person or \$20 per couple. The dance is open to the public.

Hors d'oeuvres, dessert, prizes, and non-alcoholic beverages will be offered. All proceeds will go toward the Amigos Unidos scholarship fund.

For additional information, contact Alicia Salmeron, 3-0769; Santiago Parra, 4 -2811; Xavier Cabrales, 2-7448; or Patricia Martinez, 3-9080.

Illuminating workshop

The Lab's Science & Technology Education Program (STEP) recently collaborated with SPIE, the International Society for Professional Optical Engineers, on a teacher in-service day at Photonics West in San Jose. South Bay teachers, including Michelle Steever (left) and Anne Donaldson of Hoover Middle School, participated in a hands-on workshop in lasers and optics. The teachers used materials from the STEP Laser Science and Optics Program. STEP and SPIE will be working collaboratively to expand education opportunities in optics.



PHOTO COURTESY OF RICHARD FARNSWORTH/STEP

"Introduce a Girl to Engineering"

Lawrence Livermore National Laboratory invites boys and girls (10 to 14) to a celebration of

National Engineers Week

Featuring "You're Already an Engineer!"

By Greg Brown,
head of exhibits at Technology Museum of Innovation of San Jose. His 30-minute interactive talk will include what it's like to be an engineer at a major museum, and other interesting facts about building exhibits.

**Feb. 23, 2001
10 a.m.**

Bldg. 123 Auditorium

Play with fun exhibits from the Tech Museum

Visit the "Fun with Science" van



Program & manipulate 5 Lego robots

Win door prizes from the museum

Want more information? Reserve a space? Call Pat Hurst, hurst2@llnl.gov, 2-0246, or Laura Kegelmeyer, kegelmeyer1@llnl.gov, 2-0924

IN MEMORIAM

Ken Westerberg

A memorial service for Ken Westerberg will be held at 2 p.m. Sunday, Feb. 4, at the Asbury United Methodist Church, 4743 East Ave., Livermore.

Westerberg, a chemical engineer, died Jan. 1 of acute lymphocytic leukemia. He was 35. For more information see the Jan. 26 edition of *Newsline*.

A potluck reception will follow the memorial service. Please bring an appetizer or dessert.

Newsline

Newsline is published weekly by the Internal Communications Department, Public Affairs Office, Lawrence Livermore National Laboratory (LLNL), for Laboratory employees and retirees.

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AROUND THE LAB



Institute unites LLNL materials science efforts

Editor's note: This is the second article in an ongoing series on the Lab's research institutes. Today's article looks at the Materials Research Institute

By Elizabeth Campos Rajs

NEWSLINE STAFF WRITER

Materials science issues affect nearly every program and directorate at the Laboratory, but often, researchers are unaware that others onsite are grappling with some of the same issues.

Mike McElfresh, director of the Materials Research Institute in University Relations, is working hard to change that. Drawing on his background in industry, national labs and academia, he is striving to build an institute that will bring together researchers from throughout the Laboratory to talk about their common materials issues.

"Materials issues are an important part of nearly every program and every directorate at the Laboratory. This Laboratory probably spends more money on materials issues than anything else," he said. "Materials issues are the bottleneck of any technological advances. If you want to make anything bigger, smaller, stronger or weaker, it comes down to a materials issue. Materials are a big aspect of what is going on throughout the Laboratory."

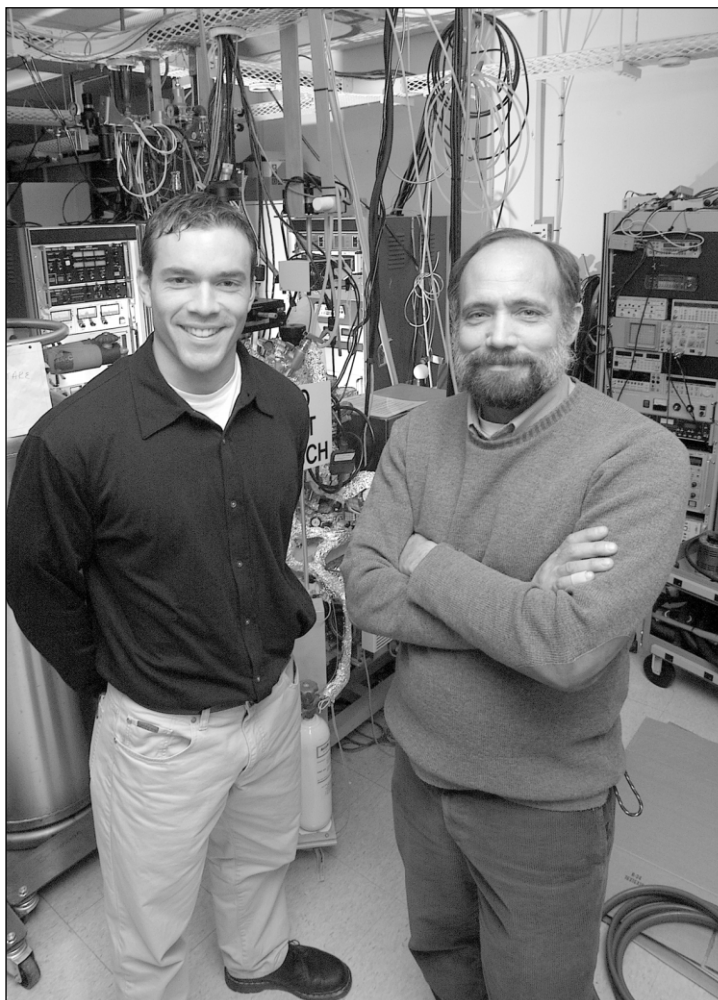
Materials scientists examine the properties of materials, including everything from strength and elasticity to how the properties can be altered to achieve a different result. Examples of research currently sponsored by the MRI include fundamental studies of laser damage in NIF-related optics and determining the structure of biomaterials interfaces using third-generation synchrotron-based X-ray diffraction.

The Materials Research Institute's primary goals are to both help make Laboratory researchers working in similar areas aware of each other and to couple Lab researchers with people at universities who can contribute their expertise and talent to the Laboratory, McElfresh said.

Since joining the Laboratory last May as the institute's director, McElfresh has held two in-house workshops on nanoscience and laser material interaction that were well attended and well received. He is now organizing follow-up discussion groups so that participants can continue meeting.

"People are spread out here at the Lab. We need to bring them together so they can talk," he said. "While I was at IBM research, we had the opportunity to congregate in a common lunch room everyday. I'm trying to make similar opportunities to congregate and talk possible here."

"I consider my job to be more of a facilitator of



MICHAEL ANTHONY/TID

From left: Mark McCormick, a graduate student at Purdue University, works with Mike McElfresh on metal oxide research.

collaborations and internal communication. I try to help pull people together," said McElfresh, who came to the Lab from Purdue University. "I'm now going out and talking to people throughout the Lab one on one about collaborative research. I want to make the MRI really relevant to the Lab and Lab missions."

As director of the MRI, he oversees a portfolio of mini-grants with UC campuses to fund collaborative materials research with Lab scientists as well as some collaborations that extend beyond the UC system. The institute also hosts a weekly seminar series on Wednesday that is open to anyone interested in attending.

The Materials Research Institute, founded in 1997, is one of five University-Laboratory institutes that form a centerpiece of the Lab's research collaborations with universities. The other institutes are the Institute of Geophysics and Planetary Physics, the Institute for Laser Science and Applications, the Institute for Scientific Computing Research and the Center for Accelerator Mass Spectrometry.

Harry Radousky, acting director of University Relations, was the founding director of the MRI and

held that position until McElfresh took over full time last May.

"The Materials Research Institute was started to give more cohesiveness to different aspects of the materials science at the Lab, and to provide a focus for presenting the Lab's outstanding work in materials science to outside universities and researchers," Radousky said.

The MRI is the newest of the institutes and has focused on the areas of optical and electronic materials; metals and organics; and biomaterials. It will be redefining its strategic directions to focus on the research umbrellas of nanoscience and materials under extreme conditions.

"We want to focus our portfolio of collaborations to those two primary areas. I want to maximize the institute's impact on the Laboratory," McElfresh said.

In a couple of weeks, the MRI will launch a new graduate fellowship program, in collaboration with the Energetic Materials Center. The program will provide funding for a graduate student to work in collaboration with a Lab scientist and university professor on a technologically relevant basic science problem. In this case, the basic problem is related to energetic materials. The first three projects will link three Lab researchers with professors and graduate students from Harvard, MIT and UC Irvine.

"The student serves as the glue in the collaboration," said McElfresh, who had a similar experience while working on his Ph.D. He served as the link between a professor at UC San Diego and Los Alamos National Laboratory, residing in Los Alamos for nearly three years. He also worked with LLNL physicists in H Division, and was one of the first students supported through the LLNL branch of IGPP.

"A Lab researcher identifies a university professor they want to collaborate with and the professor identifies a student to work with them both. It has to be a basic science project so that the student can work on his or her thesis, but we want it to have relevance to the Lab's mission. We fund the student for the research portion of his or her thesis," McElfresh said. "We want the students here as much as possible."

Plans are also under way within the MRI for a summer institute for computational materials science and chemistry. Eight students will be invited to work at the Lab for eight weeks alongside a researcher. Giulia Galli, Larry Fried and Vasily Bulatov are the scientific directors of the institute.

The summer program will also feature a series of mini-courses offered by outside speakers at the Department of Applied Sciences. Those talks will be open to any interested Lab employees as well as people from neighboring universities, McElfresh added.

DDLs presentation to focus on biomaterials that heal

Buddy Ratner, professor and director of the University of Washington's Engineered Biomaterials program, will present "Biomaterials That Heal: Research Into Surface Control of Biology," at 3:30 p.m. Thursday, Feb. 8, in the Bldg. 123 auditorium.

Ratner's presentation is part of the Director's Distinguished Lecturer Series. Director Bruce Tarter invites all employees to attend.

More than a half billion medical devices, ranging from catheters to heart valves and artificial hips, are implanted into patients every year. While these devices save or improve the lives of millions of people, they sometimes offer only temporary fixes. The body's natural response to foreign material is to wall it off with scar-like tissue. Frequently, this reaction



Buddy Ratner

disrupts the implant's performance and calls for further medical intervention.

Ratner's team has devised sophisticated processes for coating artificial materials so that their surfaces can attract and bind specific proteins, which promote normal healing. For example, in tests using proteins of similar sizes, only those proteins with the appropriate shape and chemistry adhered to the coating.

The University of Washington Engineered Biomaterials program is a National Science Foundation Engineering Research Center, directed by Ratner. Its research program centers on the cre-

ation of new biomaterials, understanding their surfaces and their interactions with biological systems. Ratner will discuss his philosophy for the design of such materials.

"We've achieved, using relatively ordinary synthetic materials, the highly specific 'lock-and-key' fit we see in natural healing," says Ratner.

"The next step is to see if an implant coated using our process actually 'turns on' healing in the body."

In 1998, Ratner received the Charles M.A. Stine Award in Materials Science from the American Institute of Chemical Engineering. He is a fellow of the American Institute of Medical and Biological Engineering, the American Vacuum Society, and the Society for Biomaterials.

Ratner's lecture will be broadcast on Lab TV channel 2 Thursday, Feb. 15, at 10 a.m., noon, 2, 4, and 8 p.m., and Friday, Feb. 16, at 4 a.m.



NEWS YOU CAN USE

BRIEFLY

Salary Listings available

Employee salary listings are now available in the Benefits Office. There is no charge for the listing but there is a limit of one per customer. The Benefits Office is open from 8 a.m. to 4:45 p.m. every work day.

Applications for ANS scholarship

The American Nuclear Society, Northern California Section, is now accepting applications for its annual scholarship for graduating high school seniors in the Northern California Area.

The \$10,000 scholarship will be applied toward the student's first year of study at a four-year accredited college or university of the student's choice.

For a scholarship form, e-mail northcal@local.ans.org with name and mailing address. All completed scholarship applications must be postmarked by Feb. 15.

Military students need assignments

The Science & Technology Education Program has received 45 applicants from the military academies and ROTC cadets and midshipmen who are seeking research projects related to Department of Defense interests and to broaden their knowledge of the Lab's technical capabilities.

LLNL projects have been found for

approximately a half dozen students, but more are needed. The academy applicants are for four-to-six week summer assignments while the ROTC students are available for up to the full 12-week summer term. Anyone interested in reviewing applicants should contact Barry Goldman, 2-5177.

The program is designed to benefit the military students, the service and LLNL by enhancing the education and training of the participating students and stimulating interaction between military, academic personnel and LLNL technical staff.

Call for Strategic Initiatives proposals

The Laboratory is calling for proposals in the strategic initiatives category for FY02 Laboratory Directed Research & Development. Competition for the SI category is open to all Laboratory programmatic, scientific, engineering and technical staff. SI proposals must be strongly aligned with the Laboratory's strategic directions and long-term visions for scientific and technical missions.

Detailed guidance and information about the call for proposals process, including information about the strategic councils and LDRD contacts for each directorate are available on the LDRD Website, <http://ldrd.llnl.gov/ProposalSubmit>, or by contacting the LSTO office at 3-2810.

Seminar looks at critical water issues in 21st century

Peter Gleick, a recognized expert on water resources, will present "Critical Water Issues in the 21st Century," the second installment in the Environmental Security and International Water Crisis Seminar Series.

Gleick's talk, sponsored by the Energy and Environment Directorate and the Center for Global Security Research, takes place at 10 a.m. Tuesday, Feb. 13 in the Bldg. 170 conference room (1090).

International energy and environmental issues are key components to national security. The competition for scarce natural resources defines these issues and the relatively new arena of environmental security. Resource scarcity restricts economic development and contributes to corrosive social processes that can produce conflict within societies. This conflict destabilizes states and regions of strategic interest to the United States and can have direct impact on national security through the restriction of resource imports and by terrorist acts.

The connection between natural resources and national security was unequivocally established as a result of Iraq's invasion of Kuwait and the subsequent Gulf War. Now, water, in addition to petroleum, is considered a scarce natural resource that can inflame conflict and trigger a cascade of destabilizing events. A recent National Intelligence Council report predicts that, by 2015, more than three billion people will lack sufficient water and that even more projects to desalinate sea water will not substantially help. Some of these water-poor countries are oil rich and potential targets of militant Islam movements.

Gleick is the director and co-founder of the Pacific Institute for Studies in Development, Environment and Security, a non-profit policy research organization. He is recognized as the leading international expert on water resources and their interrelationships with agriculture, climate, industry, international relations, human health, and society in general.

Technical Meeting Calendar

Friday
2

PHYSICS & ADVANCED TECHNOLOGIES

"Big-Bang Nucleosynthesis: Precision Nuclear Astrophysics," by Carl Brune, University of

North Carolina. 1:30 p.m. Bldg. 211, room 227 (uncleared area). Contacts: Dennis Slaughter, 2-6425, or Pat Smith, 2-0920.

MATERIALS SCIENCE & TECHNOLOGY

"A Chemical Bonding Model for the Prediction of Thermodynamic and Other Properties of Lanthanide and Actinide Alloys," by Leo Brewer, UC, Berkeley. 10:30 a.m., Bldg. 235, room 1090 (uncleared area). Contact: Patrice Turchi, 2-9925, or Nancy Pullen, 2-4321

INSTITUTE FOR GEOPHYSICS & PLANETARY PHYSICS

"The Potential of White Dwarf Cosmochronology," by Gilles Fontaine, University of Montreal. Noon, Bldg. 319, room 205 (open area). Contact: Joanna Allen, 3-0621.

CHEMISTRY & MATERIALS SCIENCE

"Investigation of an Amorphous Polymer Under Active Deformation, the Study of Aminato and Propanolato Aluminum Clusters as Models for Possible Methylaluminoxane Structures and the Determination of a Niobium(V) Complex Using Solid-State NMR," by Pamela Bryant, Massachusetts Institute of Technology, 10 a.m., Bldg. 151, room 1209 (Stevenson Room) (uncleared area). Contacts: Robert Maxwell, 3-4991, or Bonnie McGurn, 3-2764.

Monday
5

CHEMISTRY & MATERIALS SCIENCE

"Elucidating Structural Trends in the Phosphorus-Sulfur-Selenium Glass System by Multiple-Phase 31P and 77Se NMR," by Paul F. Mutolo, 10:30

am, Bldg. 151, room 1209 (uncleared area). Contacts: Robert Maxwell, 3-4991, or Bonnie McGurn, 3-2764.

UC DAVIS, DEPARTMENT OF APPLIED SCIENCE

"Compact Toroid Research at UC Davis," by Kevin Baker, UC Davis. 4 p.m., Bldg. 661 (Hertz Hall), room 7 (open area). Refreshments served at 3:30 p.m. for a "meet-the-speaker" session before seminar and at 5 p.m. after the seminar. Contact: Estelle Miller, 2-9787.

Tuesday
6

LIVERMORE COMPUTING

LC customers' monthly meeting. 9:30 a.m., Bldg. 111, Poseidon Room (cleared area). Contact: Teresa Felgenhauer, taf@llnl.gov.

Wednesday
7

MATERIALS RESEARCH INSTITUTE

"Quantum Molecular Dynamics Simulations of Shocked Molecular Liquids," by Joel Kress, LANL. 10:30 a.m., Bldg. 219, room 163 (open area).

Contact: Bill Nellis, nellis1@llnl.gov, or Miriam Rinnert, rinnert1@llnl.gov

Thursday
8

DIRECTOR'S DISTINGUISHED LECTURER SERIES

"Biomaterials that Heal: Research into Surface Control of Biology," by Buddy Ratner, University of Washington. 3:30 p.m., Bldg. 123 auditorium (open area). Rebroadcast

on Lab Channel 2, Feb. 15 at 10 a.m., noon, 2, 4, and 8 p.m. and Feb. 16, at 4 a.m.

PHYSICS & ADVANCED TECHNOLOGIES

"Emittance Measurements of the Space Charge Dominated LLNL Thomson Scattering Photoinjector," by Scott Anderson, UCLA. 10:30 a.m., Trailer 1726. Contact: Greg Le Sage, 2-2390, or Raylene Miller 2-6300.

Friday
9

INSTITUTE FOR SCIENTIFIC COMPUTING RESEARCH

"Accounting for Stability: Accurately Estimating the Error of Numerical Solutions of Differential

Equations," by Donald Estep, Colorado State University. 10 a.m., Bldg. 451, room 1025 (uncleared area). Contacts: Xabier Garaizar, 3-1521, or Leslie Bills, 3-8927.

Saturday
10

BAY AREA SCIENTIFIC COMPUTING DAY 2001 INSTITUTE FOR SCIENTIFIC COMPUTING RESEARCH

9 a.m. There will be 13 technical presentations, each 25 minutes long, with no parallel sessions. Register at <http://www.llnl.gov/casc/workshops/bascd> by Feb. 2. Contacts: Edmond Chow, echow@llnl.gov, 925-423-1915, or Daniel White, dwhite@llnl.gov, 925-422-9870.

Deadline for the next calendar is noon, Wednesday, Feb. 7.

NTS AT 50



NTS

Continued from page 1

employees of the test site, the weapons laboratories, and DOE, along with their family members, were allowed to come out and see the work that once went on at the facility, along with some of the work that takes place today.

More than 2,400 people showed up to take in the sights and get up close and personal with life-size models of various weapons and warheads, among them Fat Man and Little Boy, the W-47 and W-38. There were also various models of “racks,” as the nuclear packages were called, along with displays of various parts, cables, switches and other hardware too numerous to mention, much less recognize.

The highlight of the day was a three-hour scenic bus tour that traveled past Frenchman’s Flat (where 14 atmospheric tests took place), News Nob (the viewpoint from which the media, dignitaries and other observers were allowed to witness an occasional test), Yucca Flat (which resembles a lunar landscape, thanks to hundreds of craters caused by underground detonations), the Control Point 1 (the command center from which all tests were conducted), and the Sedan Crater.

The crater is an impressive inverted volcano of a hole that stretches more than four football fields across and drops 320 feet deep. The site now stands as a national historic landmark and seems to beckon any visitor to try and throw something to the bottom. That’s what most visitors did Saturday as they encircled the rim of the crater, sending waves of dirt clods or snowballs downward before posing for pictures.

While cold weather and a constant dusting of



PHOTOS BY JULIE KORHUMMEL/NEWSLINE

Don Felske said the open house was a chance for employees to retell old tales. Felske is standing in front of a life-size replica of Fat Man, which was dropped on Nagasaki.

The Nevada Test Site at a glance

- The Nevada Test Site was chosen over two other sites, one in Washington, the other in Texas.
- The site is 1,350 square miles, making it larger than the state of Rhode Island. The site is surrounded by thousands of additional acres withdrawn from the public domain, creating an unpopulated land area of 5,470 square miles.
- Campsites of nomadic Native Americans have been found near several natural springs at the test site.
- The test site serves as a wildlife preserve for wild horses, coyotes, boars, eagles, hawks, kangaroo rats and countless jackrabbits.
- While the test site is kind to most wildlife, waterfowl do not fare as well. Each

year, Yucca Flat is coated with a half inch of rain. The depth of this water often deceives migrating geese and ducks looking for a stopping point. Longtime workers tell stories of watching fowl tumble tail feathers over duckbills as they attempt a landing in the shallow pools.

• Since its opening in July 1999, more than a 1,000 people have visited the Nevada Test Site History Center. The Center highlights 50 years of NTS history through a photographic timeline, memorabilia, interactive computers, and videotape footage of formerly classified films of nuclear weapons testing. The Center will eventually be consolidated into the Nevada Atomic Testing History Institute in Las Vegas.

snow prohibited tours of some of the areas, particularly Frenchman’s Flat, the open house was seen as a prime opportunity for co-workers, retired and current, to reunite and reminisce.

“It’s been great seeing all the people come out and really take a close look at all the posters and the exhibits, and trade their old stories,” said Don Felske, the associate program leader for the Lab’s Nevada Experiments & Operations office.

Groups of tourists also huddled in tents to watch declassified films or buy souvenirs — T-shirts and videotapes of previous explosions were the big hits — while others steadily loaded onto buses for the guided tour of the facilities. Bad weather closed the walking tours of Frenchman’s Flat, but some bus riders were driven past some of the remnants of “Survivor Town,” an eerie collection of bombed out buildings and other structures that were used during the atmospheric tests that dominated the 1950s.

The highlight of the bus tour was a stop at the Sedan Crater, the result of a 104-kiloton detonation in 1962. The blast was part of the Plowshare Program to study civilian uses of nuclear explosions. At the time of the explosion the 12-million tons of

earth blown away from the crater bubbled 200 feet before venting. Declassified footage of the event is now shown on the Nevada Test Site’s Web page (<http://www.nv.doe.gov>).

Tourists were also able to see the remains of Ice Cap, a joint test between the United States and Russia that was to take place in 1992. Ice Cap was in its final days of preparation when the United States signed the moratorium on nuclear testing, putting the detonation forever on ice. Though Ice Cap’s “rack” has been removed, the tower and many of the diagnostics remain behind.

Throughout the tour there were the stories of the past, particularly protesters who would try to sneak into the facility at night in hopes of camping out at tests sites and delaying various shots, or chaining themselves to industrial drums filled with concrete that blocked the various gates. (A handful of protesters returned Saturday for the 50th anniversary event, yet they were outflanked by a score of security guards.)

During the height of testing, the Nevada Site was home to 12,000 employees, and boasted a steakhouse, bowling alley, jogging track, theater, baseball field, tennis courts, pool, and dormitories to house more than 1,200 people. While the restaurant, tennis courts and dormitories remain available, many of the facilities are closed up. Still the facility operates as its own little town, complete with sheriff’s substation, fire department, hospital and a post office.

Today 1,800 employees are assigned to the facility. The test site is used for subcritical experiments important to the Stockpile Stewardship Program. The site also features a Low Level Radioactive Waste Management Site, a

Hazardous Material Spill Center to test spill dispersion and cleanup procedures, a Device Assembly Facility and BEEF, or the Big Explosives Experimental Facility.

For more information on the Nevada Test Site, see the Web at <http://www.nv.doe.gov>.

Newsline will run additional articles about NTS in upcoming issues.



Visitors were allowed to get up close and personal with replicas of weapons, such as the Lab’s W-38.



The NTS open house was more than a display of former days of nuclear testing. Poster sessions also explained current work.



CLASSIFIED ADS

See complete classified ad listings at
<https://www.ais.llnl.gov/newsline/ads/>

AUTOMOBILES

1997 - Dodge Stratus ES, V6, Autostick transmission, 59K miles. Excellent condition. \$10,500 OBO. 209-679-1096

1986 - Chevy Suburban, good condition, 2wd, 3/4 ton, 454, w/tow package, front and rear AC, new wheels and tires. \$5000 209-239-7242

1993 - Cadillac Service Manual for 1992-1993 front-wheel drive vehicles. \$10. 925-606-1216

1993 - Pontiac Grand Prix. A/C, cruise, AM/FM/Cassette. 78K mi on engine, 134K mi on car. Excellent condition. \$3500 925-485-1988

1986 - Buick Skyhawk, 4-door, AT, AC, new tires, brakes, clean. \$1500 209-836-3699 925-447-5582

1988 - GMC windowed safari mini van,v6 auto,pwr lks and doors,a/c,cruise,tow package,clean inside and out \$2500 obo 209-858-5807

1991 - Honda Accord LX, 2door. Good condition, 75000 miles. Bluebook price \$7000, will consider best offer. 925-447-8914

1988 - BMW 635 csi, Silver/Gray leather, well maintained, very good condition, automatic transmission, \$9500, 145K mi. 925-838-7597

Mercury, 91 Sable grey LS sedan, power everything, 75K on new motor/tranny. Runs well, Driver airbag. \$3500 obo. 209-832-1750

1992 - Mercedes 190E 2.6., sun-roof, integrated phone, power seats/windows, 5 CD changer, excellent condition. Blue books at \$12,500. \$10,000/obo. 925-648-0671

1990 - Toyota Camry, 4dr,at,ac 106K, single owner, good cond., \$3750 925-443-9216

1986 - BMW 528e, 148K, 6-disc cd changer, black leather interior, dark gray exterior, no accidents, very well maintained. \$4,100 obo. 925-560-9752

1992 - Chevy Astro Van, Extended 8 Passenger, AT,PS,A/C,ABS,PW,PL,CC,tilt, AM/FM Cass, excellent condition. \$6,500 925-846-1871

AUTOMOBILE ACCESSORIES

Insulated aluminum camper shell for pickup truck with 8 foot bed. \$50 925-455-8609

Tires, Brand new off 2001 Chevrolet H/D. LT245/75 16 inch 10 ply radial all terrain. \$350 obo 925-447-4611

Lumber Rack, Rack-it brand (the best), fits long bed Ford 1969-1996 and Chevy 1973-1987. Excellent condition \$125.00 925-846-4081

BICYCLES

2 bikes for sale – Men's mountain bike \$125; Ladies' mountain/street \$85. Both perfect. 925-736-7799

Trailblazer 15 speed mountain bike, Brand new won in raffle! \$50 925-447-4611

Burley deLite 2-child bike trailer. Excellent cond., always garaged. Blue/yellow nylon. \$400 new, asking \$250 or b/o. 925-455-6557

TANDEM Bicycle Schwinn 21 speed, triple in front, very clean. 5 years old. \$500.00 TREK 1100 48cm black, very clean \$200.00 both well maint. 925-634-0423

BOATS

1986 Tahiti 18 ft jet boat. New

headers and interior. Original owner. Mint condition, must see to appreciate. Fast and fun! \$7000 obo 209-832-3772

Outboard motor, Sea King 6 HP. Runs in good condition. \$200. or OBO. Comes with motor stand. Call after 6 PM. 925-706-8179

ELECTRONIC EQUIPMENT

TV stand for Sony 36XBR250 - mint cond. \$230, 27in RCA XL100 console \$45 925-449-1481

HiEnd Mitsubisi rack system + home theater \$450; Pair AR2a speakers \$50; B&O linear tracking turntable \$100. Offers accepted. 925-736-7799

DEL GXI w/Pentium 17 Inch Monitor 2 Gig HD,CD,& Zip Drive \$350 - Power PC 6100/66 15 Inch Monitor 40mg HD \$ 50. 925-272-8360

Top of the Line, reel-to-reel tape deck. Sony TC-580, three motor, electronic auto reverse. Excellent condition, all manuals. Make offer. 925-455-4540

GIVEAWAY

Bed liner for 1996 Chevrolet long bed pick up truck. Good Condition 510-881-1261

Fifth-wheel hitch, 12,000-lb. capacity. Come and get it. 925-294-8839

Free moving boxes and packing material. 209-832-3772

Sofa bed, queen size, good condition, newer mattress, gold corduroy, you haul. 925-837-3175

FREE! Large console TV in good working order. Perfect for church donation, needy family, etc. You haul. . 925-455-4666

FREE Concrete slabs for driveway, patio etc. 6 Slabs (62 x 54 x 3 inches each). Very heavy (~400 lbs/each)! Cut them up or haul in one piece. 925-371-8201

Exercycle- Sears exercycle looking for good home,works fine. Call after 6 PM. 925-706-8179

Electric clothes drier, condo/apt size, Kenmore, spotless, motor is acting up or some other repair needed 925-455-6305

6-foot tall, 6-foot wide, in-ground, mature, manicured Japanese Black-Pine topiary. You dig-up and haul-away from Tracy. Free! 209-836-4349

Male Cockatiel, 2 yrs old, hand fed/hand tame pet. Bird breeders closing down, must find good home. Must have own cage. 925-449-3489

HOUSEHOLD

1930s solid Walnut Vanity or Dressing Table. Waterfall style with burl design. Folding tri-mirror. Hand carving on mirror and drawers. \$295.00 obo. 925-443-7402

Oak twin captains bed w/ 4 drawers plus space, headboard w/ shelves orig. \$500 sell \$250. Oak 5 drawer dresser orig. \$469 sell \$200 209-832-2862

6pc Rattan lounge set \$250; modern solid walnut officedesk \$150; Sony 17inTV \$100; Sears table saw \$150; BO accepted 925-736-7799

Bedrm Set, blonde w/carved floral design. Well-made 7-pcs incl lots of storage, student desk w/lighted hutch. \$400/obo. 209-833-1201

White Metal Bunk, top twin w/mattress, bottom double, very good cond., \$195 negotiable. 925-449-2169

7-drawer wook desk 22x52 (not

computer desk), excellent condition \$150, toaster oven \$20 925-447-8613

Comforter for Day Bed, peach color. Dust ruffle and Shams. \$15.00 925-443-8690

Brown sofa \$40 beech wood coffee table \$25 4-drawer dresser \$30 white 2-drawer nightstand \$20 510-792-1538

1999 Jenn-Air S-by-S Refrigerator, 22 CU.FT., White, Energy Efficient JCD2289AE. 35 3/4 X 69 X 29. \$1000 Excellent shape. Paid \$2000. 925-443-4051

Living room set (Woods End), couch, chair, coffee and end table. All in good shape. Cushions replaceable for new look. All for \$300. 925-516-2774

White, upright, 13.1 cubic ft. Wards brand defrostable freezer. 8 years old. Excellent condition. Operating manual included. \$100.00 cash and carry. 925-449-0343

Fisher-Price bed rails, 2 sets. \$7 each or both for \$10. 925-454-0877

Simmons Crib with mattress. Excellent condition \$35. 925-455-5736

13.5 cu.ft. Upright Frezzer,\$150.00 925-516-0353

Kitchen appliances: Sub-Zero fridge, Chambers cooktop, Thermador double oven, Whirlpool trash compactor. All working - remodeling. \$500 for all. 925-283-3824

Sectional couch w/2 ottomans (blue/gray/mauve pattern) \$350. 925-634-7513

One floral pattern sofa, two beautiful chairs upholstered hand carved mahogany, like new must see to appreciate call for details 925-455-9453

CARDBOARD WARDROBE moving boxes; cardboard wardrobe boxes; \$6 each; used one day for local move; collapsed; buy one or many 925-634-1110

MOVING SALE: Washer & dryer set \$150, refridgerator \$150, oak entertainment center \$75, oak bookshelf \$50. All in good condition, just no room. 925-292-1849

16 cu white refrigerator, 1 yr old, 5 year warranty freezer on top. 200.00 OBO 925-455-1098

Kitchen Table with 4 chairs; wood with white trim; \$50.00. Dryer, older but works, \$75. Free sofa-beige with flowers. 925-447-2644

For sale & in good condition: A double bed \$100.00 High chair \$15.00 Baby dresser \$10.00 925-371-6842

Perego Milano reversible stroller with removable basket and rain boot, \$50. 510-733-9802

Desk:small roll-top desk,\$90 925-443-4555

Twin White Iron Daybed w/pullout bed \$200; woodworker bench w/2 vises \$100; plus tools, workbenches & desks. 925-449-2008

LOST & FOUND

Lost: Wedding ring, week of 1/23. Sentimental value. Will describe. 209-931-6012

Lost: 20Year LLNL Service Award watchband attachment on 1/24 in or near B543 and B439 areas. Gold color, LLL logo, 3 stones. 925-455-6089

Lost: Red mohair scarf, approx. 7 ft. long. Cherished winter item. May have been lost in b.132S or TR1879 in mid-Jan. Please call 2-8300 if found. 925-484-4191

MISCELLANEOUS

For Sale: Mens leather jacket, size medium. \$50 925-455-8609

Boy/Girl 0-3 yrs. clothes, Old Navy/Gap/Gymboree brands. Toys, Exersaucers, car seats, oak changing table, etc. Excellent condition and prices. 209-832-2862

6 Soccer balls \$50, modern solid walnut office desk \$150, new gas hedger \$120, echo gas blower \$65 925-736-7799

1997 Battery operated Boys Jeep, blue, Great condition, sons too old now. \$50.00 925-447-8291

Dry Erase Board w/ledge. Very Lrg 8x4 ft. Suited for wall mount. Great for homeschool or office. \$50/obo. 209-833-1201

Host families needed, Modesto/Oakdale area, for Japanese exchange students, double/single placement, 2/24-3/4. Contact 209-527-0495

White Kitchen Table w/1 leaf/6 chairs, very good cond., \$250 negotiable. 925-449-2169

Barbie Motor Home \$10.00 Barbie toys, Hair dryer, Boat, Jeep, Truck \$2.00 ea. 925-443-8690

Power Rider exercise machine - never been used. \$65.00 510-792-1538

Radial Arm Saw, 10in.Dia. 3 hp. \$150.00 925-516-0353

Solar thermal panel set - high efficiency finned copper tube with glass covers. Need TLC, will then heat pool or tub. \$500 for all. 925-283-3824

Garage Sale: Feb 10th, 3322 East Ave. Kenmore washer and dryer, king size pad and frame, some Beanie Baby Bears and much, much more. 925-455-4213

Machinist Chest, Kennedy model 520, top compartment and 7 drawers, 20/8.5/13.6 inches excellent condition, \$75 925-443-5549

BOWLERS WANTED, For short spring league, beginner bowlers welcome, Tues. nite, Livermore. \$12.50per week 925-455-4849

MOTORCYCLES

YAMAHA Clavinova keyboard, CVP-8, black, ROM music, 16 rhythms and voices, performance memory, sequencer, \$1500 kiba@jps.net 209-754-4367

PETS & SUPPLIES

DALMATION. 6-yr-old AKC-reg.female, housebroken, spayed. Sweet, loving, healthy pet needs more space. Ideal for active family w/children. Free. 925-417-8813

Free to a good home or ranch! 2 year old Queensland Healer (Blue) 209-599-1059

Arabian mare,6 yrs, 14-3,gre, polish/spanish lines, started under saddle, strong, nice personality, endurance/hunter/ show hack, \$1500 209-847-1231

Bunny Rabbit (very friendly) free to good home includes cage. 925-449-3152

AKC Boxer, 2 years old Handsome Brindle, Great with kids, Moving and can not take him, Needs a loving family. 925-449-8786

Cat - free to good home. Spayed female, very affectionate. Does not get along with older cat. Call (925) 846-9564 925-846-9564

Underground electronic pet fence new never used \$50 925-455-9414

RECREATION EQUIPMENT

Nordic track \$25, Cardio glide \$20, Ab roller \$15 925-447-4611

Motorhome, excellent condition, 1994 Damon Hornet, Class C, 21.5 ft, Ford 460, 40K miles, air cond., generator, inverter, micro \$21,500 958-373-1512

Full size camper: frig, stove, bed, table shower, toilet. moving need to sell \$500 209-832-1750

Honda generator Model 650. Less than 20 hours, A1 condition. \$350.00 925-447-6728

Skis,K2 R5000 160cm, boots-size 9 \$80 or BO. 925-455-5814

1987 Itasca Sunflyer 22ft Class A Motorhome. Very good condition. Lots of extras \$10,750. 925-455-8980

Excerciser Lifestyler Cardio bike with monitor. Paid \$250.00. Make a reasonable offer. 925-449-0430

Moving Sale!!! Various sporting goods for hunting and recreation. 209-823-1059

Treadmill, new condition, used less than 20 times. \$250.00 firm, Please leave message. 925-689-7448

NordicTrack manual treadmill - \$100.00 HealthRider - \$75.00 LifeCycle - \$100.00 925-447-1126

1990 Tioga Class C MH, 21.5ft, 44K miles, AC, gen, micro, cover, A-1 condition. \$14,500 obo 925-443-4499

Motorhome, 1982, 25 ft Class A Titan by Champion. 90,700 well maintained miles, original owner. New radiator. Runs well, forced to sell. \$8900. 925-846-2119

SCUBA EQUIPMENT & ASSES-SORIES New & Used. LIQUIDATION PRICES. Everything must go. Call Michael. 209-239-3347

NIKE soccer cleats size 8, Nike turf shoes, indoor, size 8. both almost new \$15.00 each 925-634-0423

1995 Beaver Patriot 37ft motorhome. Well-cared for. 300hp Cummins, PAC brake, inverter, satellite, solar. 55K miles.Pictures avail by email. \$97,500 209-847-8264

RIDESHARING

Express your commute, call 2-RIDE for more information or visit the web site at <http://www-r.llnl.gov/tsmp/> for more information

Danville Vanpool needs driver for homeward bound leg and vacation-relief. Fare would be reduced to \$30/mo with tax incentives available. 925-837-4097 (2-6234)

Palo Alto/Menlo Park/Mountain View - flexible,occasional 650-838-9451, ext. 3-3330

Danville - van pool 8-4:45 \$55/mo. There are county, State and Fed incentives which can make the first 3 months almost free. 925-837-4097, ext. 2-6234

Lafayette - LaMOrinda (also Walnut Creek stop at Rudgear Rd) luxury Vanpool (reclining seats, reading lights) 8-4:45, \$115/mo (pretax reduction available) 925-376-5346, ext. 2-3005

Modesto - Commuter Partner Wanted, Lab Hours 8:00 a.m. till 4:30 p.m. M-F. From Vintage Fair Mall. 209-529-0431, ext. 2-8828

San Jose & Fremont-Mission - Space is available from San Jose and Fremont-Mission areas. Work hours: 7:30-4:30. Call Sy: 408-238-1909, ext. 3-3057

Oakland-Monclair District - seeking new riders; relax, enjoy your commute, come ride with us!

SCIENCE

Continued from page 1

the Laboratory Science and Technology Office. We hope that all employees will take this opportunity to see first-hand some of the great S&T being conducted in the rest of the Laboratory.”

The day will include presentations by Laboratory scientists as well as talks by Gen. John Gordon, administrator of the National Nuclear Security Administration; James Decker, acting director of the DOE Office of Science; Lab Director Bruce Tarter; and Wadsworth. A poster session will also be available. The poster session presents an opportunity for one-on-one interactions and will include a spectrum of posters, video displays and demonstrations of hardware and instrumentation representing all Laboratory programs and directorates.

Al-Ayat emphasized that Science Day is for LLNL scientists and engineers. “Employees are invited to participate in the poster session, to host someone they collabo-

rate with at another institution who would be interested in what we do here, or to attend the event. I hope employees will be actively involved in the day.”

All of the talks will be given in the Bldg. 123 auditorium and will be broadcast live on Lab TV once the auditorium is full, Al-Ayat said. The poster session, which will feature 30-40 posters, will be on display nearby.

The theme of the formal presentations is “Scientific Supercomputing — Meeting the Next Decade’s National Challenges via Integration of Theory, Experiments and Large Scale Simulation.” Selected topics include computational turbulence, climate and weather prediction, seismic modeling, and computational biology, among others.

“We wanted to find a theme that would include as many people and as much research as possible. Given that we have one of the largest computers right now, we chose supercomputing,” Al-Ayat said. “The talks will be given on representative topics that show the power of supercomputing at the Lab. We wanted to capture the broad range of the Lab’s

work.”

The idea for Science Day was developed last year in discussions with Gen. Gordon and Millie Dresselhaus, MIT professor and former director of the DOE Office of Science, as a way to showcase and celebrate the science and technology at DOE labs.

The DOE national security laboratories were scheduled first with Sandia National Laboratories holding its Science Day in December; Los Alamos National Laboratory is scheduled to hold its event on Feb. 13. Similar Science Day events will be scheduled at other DOE laboratories in the coming months.

To plan this event, a committee is in place representing all Laboratory directorates and disciplines. For more information, for the name of your directorate representative or to offer suggestions about the day, contact Tracey Barnes at the Laboratory Science and Technology Office, 2-5214 or barnes22@llnl.gov. A Website is under development, which will have the program and agenda (as they develop) and allow for input and/or comments regarding Science Day.

See complete classified ad listings at <https://www-ais.llnl.gov/newsline/ads/>

CLASSIFIED ADS



Dependable, prompt and courteous service. 510-834-6405, ext. 4-5173

Discovery Bay - Looking for additional driver/rider from Discovery Bay, 7:30-4:15. Please call if interested. 925-634-5754, ext. 3-5481

SERVICES

Headshot photography for actors - entertainers - musicians 925-449-0107

House Cleanning or Detail
Cleanning Services available in the Tri-Valley Area, Excl. Ref. 209-612-1846

Roofing, 28 yrs experience, fully insured 925-454-9200

House Painting - Exterior and Interior. Free estimates. 15 years experience. 925-447-5132

Do your shoulder and lower back give you discomfort? Do you have STRESS in your life? It is time for a massage 209-962-5468

SHARED HOUSING

Modesto - Roommate wanted, non-smoker, no drugs, house privileges, W/D, \$400.00 per month includes utilities. 209-492-0270

Livermore - Unfurn. room w/semi-private bath. Neat/Clean home! Kitchen/laundry privileges. N/S,N/D. Util. includ. \$550/mo. + \$100 dep. 10 min. from Lab. 925-447-8698

TRUCKS & TRAILERS

1989 - GMC SLE extended cab, V8, auto, full power, AC, full inj., tow pkg, lumber rack, tool box, new tires. 94k miles, \$8200/bo. 209-667-4310

1974 - Toyota Landcruiser FJ40. Engine has burnt valve, 4 speed trans and 4x4 work well. Average condition. Spare parts and Chevy V8. \$3500 OBO 209-679-1096

1999 - Toyota Tacoma short bed pickup 5 speed 4-cyl. 2.4 liter, A/C, P/S, am/fm cassette, dual air bags, new bed mat \$10,850 OBO 925-449-7570

1994 - Ford F150 XL, 5.0L V8, Short bed, PS/AC/AT, cruise, tow package, flowmaster exhaust, \$9500. 209-835-6478

1987 - GMC truck 1/2 ton long

bed,149K miles,5.7 li F/I, 4 speed auto, PS,PB camper shell good cond. work truck \$3000 or B/O 925-449-4262

1991 - GMC 4x4, half ton, upgraded tow package, AT, AC, power doors, windows, 112K miles, clean, already passed smog. \$8800. 925-292-1976

1991 - Toyota pickup, 5 speed, fuel injected. Original owner, looks/runs great. Camper shell, carpet kit, bike rack, chrome wheels, 155K miles, \$4,500. 925-373-8239

1976 - Ford F-250 3/4 pickup. \$1450.00 or B/O 209-577-5805

1983 - Chevy Blazer 6.2 Liter Diesel, P/W,P/L,P/B,P/S Luggage Rack, Pull out Tape Deck, \$ 4000 925-373-8360

1971 - Ford Econoline E300, 6 passenger Van 302 V8, auto transmission, 175K miles, new tires, \$600.00 or best offer. 925-447-1201

Ford 88 one ton, 7.3 Dsl, crew cab, power everything! Conversion seats, newly rebuilt tranny, new master cylinder. Hauls Great! \$5000. Tracy 209-832-1750

Lumber Rack, Rack-it brand (the best), fits long bed Ford 1969-1996 and Chevy 1973-1987. \$125.00 925-846-4081

1992 - Ford Ranger, 4-speed, 84K miles, air. Nice condition. Call evenings. 209-823-3606

1995 - RV 36 feet Residency diesel pusher; many extras; excellcondition, call for details. \$77,700.00. 925-449-0430

1995 - Chev. 4x4 Silverado 1500x Cab, 8 ft. bed, Leer shell, Lund BDS, AM/FM/CD, Sec. system, 29K mi, \$17,750, clean 925-449-4788

2000 - Dodge Dakota SLT King Cab, Automatic, Air, Power, Cruise, Line-A-Bed. \$17,500 obo. 925-373-9680

1987 - Class C MH 22ft. Ford 460cc, ps, cc, ac, CD, 70k miles. Solar panels, meter, 25 gal. tank, tub/shower, self-contained, nice, sleeps 6, \$9,500/obo. 408-499-3312

1989 - Dodge Dakota stock CONVERTIBLE 4X4 truck. very few made. Good condition, tow pkg, new tires, automatic, white, clean 510-537-4777

1996 - Chevy Tahoe 4x4 Black; V-8 Vortec engine, power everything,

very clean, new Alpine stereo/speakers, new BFG mud tires. \$18,500 OBO. 925-216-0398

1985 - GMC 305-V8 Van, Former Pac Bell Van with ladder rack and other extras-good tires too! \$2800 or make offer 925-640-2966

1998 - Ford Ranger SuperCab XLT, 4.0L V-6, AT, PW, PL, PM, CC, ABS, CD, SRW, alarm, remote entry, bedliner, toolbox. 17,300 miles. Like new. \$13,999/OBO. 925-456-7910

4x4 Tires and Wheels, For Jeep Wrangler BFGoodrich Radial all Terrains 31 x 10.5 on mag rims. 5ea. includes spare, low miles. \$700 obo 925-426-8156

Set of 35 inch tires. \$350.00 925-513-0412

1994 - Ford Explorer - Eddie Bauer Edition, Green/Tan, 2WD, Leather, Power everything, CD, roof rack, 116k mi, \$7,900. 925-560-6343

1985 - 1985 Ford F250 4x4 6.9 Diesel runs excl,new paint well maintained.Call Greg. 209-239-2812

1993 - Dodge 3/4 diesel turbo long bed extended cab. And 1993 29 ft. King Of The Road 5th wheel,with slide-out must see 24k O.B.O 209-892-1325

VACATION RENTALS

SEA RANCH - Oceanview home. No smoking. No pets. Adults only. 2BR(KQ)/2BA 1700sqft. Hike. Bike. Whale watch. Kayak. Swim. Tide pool. 925-443-5086

Maui, HI - Kahana Reef ocean-front 1BR/1BA condominium. Beautiful two-island view, ocean-side pool, and BBQs. Low LLNL rates for year-round reservations. 925-449-0761

Pinecrest: - Cabin available near Dodge Ridge skiing. 3 bdrm/2 bath, fireplace w/wood, microwave, pool table, level cleared access to covered parking, \$195/wknd 925-449-5513

WANTED

Artificial silk plants wanted, one or two medium size ficus or similar, will pay reasonable price 925-736-7799

Camper Shell for Silverado truck

w/shortbed. White or Red. 209-833-1201

Treadmill for walking exercise in doors. 925-447-6670

Wanted: A gun safe for a good price. Will haul. 209-832-3772

Wanted: 3 Bdrm/1.5b/Lng trm house rental in Livermore, \$1650-\$1700/mo,will pay xtra dep. for 2 adlt cats 925-447-5204

Clean dirt - will haul. 510-792-1538

Wanted Oscilloscope & ultrasound power meter for reasonable price. 925-449-1340

Biobottoms (or other wool) diaper covers. Need large sizes (16 lbs and up). No vinyl. Will pay \$5 per cover. Thanks! 925-417-8894

Nice family looking for 3 bedroom home to rent in Livermore for long term. Can pay up to \$1,600.00/mo. Ref. avail. 925-447-5204

Wanted: exercise treadmill must be in excellent condition. 209-599-7199

HOUSECLEANER WANTED: Someone who can clean a <2000 sq ft house in Livermore to a high standard of cleanliness. Once per week. 650-291-8884

I need bodies to practice my energy massage on. Light pressure. Tri-Valley area. Fully clothed. No cost! 510-791-8623

MAVIS BEACON TEACHES TYPING - older version that does not require Power Mac 925-443-4918

3-inch pipe for posts. About 60 feet. 925-455-0486

CAMPER SHELL that can fit onto a 1991 Toyota standard bed pickup truck. 510-581-4609

Wanted: Acoustic Electric Guitar for my 11 year old son. Will pay reasonable price. 925-833-0186

Wanted- Tent Trailer to buy. Newer model preferred. 925-449-8757

Childcare wanted for 8 month old twin boys. Livermore area preferred. 925-961-1931

Old wind up phonograph all or parts. Also interested in anything from 1950s or older 925-449-0388

Host families for Japanese exchange students in the Modesto/Oakdale area for one weekend in March. Contact 209-527-0495

Wanted someone with FFL to handle a mail-order for me. 925-876-1046

Guidelines

Newsline is not responsible for any errors contained in the classified ads. It is up to the employee to proofread his or her ad to make sure it contains the correct data, including the phone number.

Employees are reminded that only car- and vanpool ads may contain Lab extensions. E-mail addresses are not allowed.

Due to space limitations, Newsline cannot run ads that are submitted in all capital letters. “Personals” ads are not permitted either.

Employees may submit one ad per category, but may not include the same ad in more than one category.

Ads may only be submitted through the Employee Ads Web Services site <https://www-ais.llnl.gov/newsline/ads/>



THE BACK PAGE

Q&A

Continued from page 1

Newsline staff to discuss the reasons behind the organizational changes.

Newsline: What was the strategy behind the development of the new associate director positions?

Bruce Tarter: Bob's job has become far too much for one person to do. In corporations, senior vice presidents rarely own line organizations as Bob did. Bob has had a long tenure at the Lab and has developed many relationships here, at the DOE and the UC, which greatly enhanced his ability to do this job. The new candidate will have some of those relationships, but will have to develop others. This cannot happen effectively if that person also has to devote significant time to line management issues. So we are taking the line management issues and putting them at the AD level.

Bob Kuckuck: The changes also reflect the important role these various administration and operations areas play at the Lab. Functions such as safety and security are increasing in importance and should be championed by a manager at the AD level. And I agree with Bruce, this will allow the new Deputy Director for Operations to focus more time on the broader, more strategic and cross-cutting issues of the Lab.

Newsline: Why make these changes now instead of two or three years ago?

Tarter: Part of it coincides with Bob's retiring, but much of it also coincides with a new administration, a new NNSA, a new contract and a new UC organizational structure. With Bob leaving, we began to think of how we might split the functions of his office. His retiring provided a stimulus for what probably would have eventually happened anyway.

Newsline: With many of the responsibilities taken away from the Deputy Director for Operations, what will be the role of the new DDO?

Kuckuck: The DDO plays a major role in resolving cross-cutting issues that arise from the naturally competing needs of various elements of the Laboratory, and which cannot be



resolved by ADs. Establishing G&A rates and deciding where to draw the line between the Laboratory's need for institutional standards and individual directorate and program needs for flexibility, are two examples of this. The DDO also has extensive responsibilities for working with the UC, the Defense Nuclear Facilities Board, and others.

Tarter: The DDO will also be the principal point of contact with NNSA for all operations issues.

Newsline: Will the new directorates be permanent or could they change depending upon the wishes of the new DDO?

Tarter: Permanent. Again, this organization reflects the importance of operational and administrative functions, particularly people functions, and the need to have a senior individual dedicated to each area. Having said that however, it is possible that some of the details as to what's in each directorate may evolve as we learn the pros and cons of this structure in the future.

Newsline: How will the AD positions for the new administration and operations directorates be filled?

Tarter: The postings for the three new operations and administration directorates will be published today. Because these jobs require extensive DOE/Laboratory experience and strong knowledge of Lab practices and policies, I see them requiring candidates who are "internal" to the UC/DOE Laboratory complex. So, since we have a small, well-defined pool of applicants, I will be closing these postings in only three weeks. I will establish committees that will review the

applicants in late February. Then in early March, I will interview the candidates and fill all seven of our open AD positions.

Newsline: Seven? So this means you will also be selecting the science and technology AD positions at the same time?

Tarter: Yes. This is a unique opportunity to have so many AD openings to fill simultaneously. It will allow me to select a large segment of our team at one time, much like a president selects a "cabinet," instead of sequentially filling seven individual jobs. I am looking for complementary skills and how people work together. I am trying to create a group with chemistry focused toward the future.

Kuckuck: Concerning the operations and administration positions, we will be selecting a team of managers prepared to jump in and lead organizations that are already well-developed and operating effectively and efficiently. We have already implemented great positive change in these areas over the last several years and we are now looking for a continuation of that good management. We are looking for candidates with excellent track records of their own.

Newsline: What is the status of the search committees for the various S&T AD positions?

Tarter: I am asking those search committees to close off their searches and give me a list of viable candidates by March 5. Identifying a large, diverse list of candidates in some of these S&T areas is not an easy task and we have a tendency to continue to try a little longer. However, it is time to bring these efforts to a close and get on with our new team. As always, I have charged all search committees to provide a diverse pool of candidates and I believe they will succeed.

Newsline: Where does the posting for a DDO fit into the selection of ADs and team building?

Tarter: That posting will also come out today. That job is much higher in visibility, so I won't commit to closing the posting in only three weeks. I will personally chair the search committee, with a broad search for candidates. Still, I expect this position to be filled in the relatively near future.

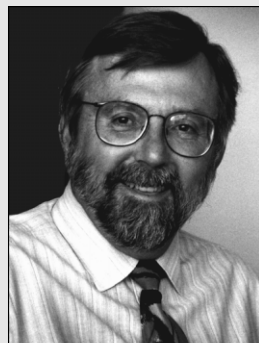
Special reception to honor Bob Kuckuck

Director Bruce Tarter invites all employees to a special celebration in honor of Bob Kuckuck, the deputy director for Operations. The reception will be held 3:30 to 6:30 p.m. Friday, Feb. 9, in the West Café.

If you would like to attend you must RSVP to Susie Schultz by close of business today (Feb. 2) at 2-2471, or e-mail schultz2@llnl.gov

Kuckuck retired on Jan. 31, but will continue to work on special Lab projects, such as the upcoming employee survey. Kuckuck

has worked at the Lab and University of California for more than 37 years, both in science and operations and administration. More details on Kuckuck's career will be published in the Feb. 9 edition of *Newsline*.



Bob Kuckuck

CASE

Continued from page 1

tion of the class and does not address the merits of the plaintiff's claim. It sets the stage for the examination of additional information and the Laboratory looks forward to a full hearing on the case.

"The Laboratory does not believe there are statistically significant shortfalls in the overall pay rates of female employees. In addition, the

pay growth for women over the last six years has exceeded that of men. The Laboratory is also working aggressively to ensure that there are qualified women candidates in the pool of applicants being considered for top management openings.

"The Laboratory takes the issues of its female employees very seriously and evaluates individual areas of concern. But the Laboratory strongly disagrees with the plaintiff's assertion that there is a Laboratory-wide pattern of discrimination."



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